

Title (en)
VENT FOR CYLINDRICAL ELECTROCHEMICAL BATTERIES

Title (de)
VENTIL FÜR ZYLINDRISCHE BATTERIEN

Title (fr)
EVENT POUR PILES ELECTROCHIMIQUES CYLINDRIQUES

Publication
EP 1535355 A2 20050601 (EN)

Application
EP 03707866 A 20030211

Priority
• US 0304262 W 20030211
• US 35591102 P 20020211
• US 40249402 P 20020808

Abstract (en)
[origin: WO03069694A2] An electrochemical cell is presented having a gasket that is sealed against the container to prevent electrolyte leakage during normal operation. When the internal pressure of the cell reaches a predetermined threshold, the seal is removed, thereby permitting electrolyte to escape through a vent.

IPC 1-7
H01M 2/12

IPC 8 full level
H01M 50/169 (2021.01); **H01M 50/184** (2021.01); **H01M 50/186** (2021.01); **H01M 50/193** (2021.01); **H01M 6/08** (2006.01)

CPC (source: EP US)
H01M 6/085 (2013.01 - EP US); **H01M 50/169** (2021.01 - EP US); **H01M 50/171** (2021.01 - EP US); **H01M 50/184** (2021.01 - EP US); **H01M 50/186** (2021.01 - EP US); **H01M 50/193** (2021.01 - EP US); **H01M 50/317** (2021.01 - EP US); **H01M 50/3425** (2021.01 - EP US)

Citation (search report)
See references of WO 03069694A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03069694 A2 20030821; **WO 03069694 A3 20050407**; AU 2003209133 A1 20030904; AU 2003209133 A8 20030904; EP 1535355 A2 20050601; US 2003152831 A1 20030814; US 7074516 B2 20060711

DOCDB simple family (application)
US 0304262 W 20030211; AU 2003209133 A 20030211; EP 03707866 A 20030211; US 36479203 A 20030211